|     | Index of Claims |               |          |          |          |           |          |        |               |           |           |              |       |            | ٦рр           | oplication No. |              |          |                    |          |              |          |  |            | Applicant(s)                                     |          |                |                 |          |          |          |          |   |   |   |
|-----|-----------------|---------------|----------|----------|----------|-----------|----------|--------|---------------|-----------|-----------|--------------|-------|------------|---------------|----------------|--------------|----------|--------------------|----------|--------------|----------|--|------------|--|----------|----------------|-----------------|----------|----------|----------|----------|---|---|---|
|     |                 |               |          |          |          |           |          |        |               |           |           |              |       |            | 10/632,796    |                |              |          |                    |          |              |          |  | YI ET AL.  |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 |               |          |          |          |           |          |        |               |           |           |              |       |            |               | Examiner       |              |          |                    |          |              |          |  |            | Art  | Un       | it             |                 |          | _        |          |          |   |   |   |
|     |                 |               |          |          |          |           |          |        |               |           |           |              |       |            | ١.            | Hai C Pham     |              |          |                    |          |              |          |  |            | 286  | 31       |                |                 |          |          |          |          |   |   |   |
|     |                 |               |          |          |          |           |          |        |               |           |           |              |       |            | TIGITO I HAIH |                |              |          |                    |          |              |          | 2861   |            |  |          |                |                 | J        |          |          |          | _ |   |   |
|     |                 |               |          | Rejected |          |           |          |        | _             | (         | Th        | hrough numer |       |            |               | al)            |              |          | N Non-E            |          |              | cted     |  |            | Appeal   |          |                |                 |          |          |          |          |   |   |   |
|     |                 |               |          |          |          |           |          |        |               | Cancelled |           |              |       |            |               |                |              |          |                    |          |              |          |  | A          |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 |               |          |          |          | = Allowed |          |        |               |           |           | Restricted   |       |            |               |                |              |          |                    | In       | Interference |          |  | е          |  | Objected |                |                 |          |          |          |          |   |   |   |
| . [ | Cla             | im            | Date     |          |          |           |          |        |               |           |           | Claim        |       |            |               |                | D            |          |                    |          |              | $\neg$   | CI   | Claim      |  | Date     |                |                 |          |          | 7        |          |   |   |   |
|     |                 |               |          |          |          |           |          | $\neg$ | r             |           |           | ПТ           |       | <u> </u>   | Ħ             |                |              |          |                    |          |              |          |  |            |  | П        | T              | 1               |          |          |          |          |   |   |   |
|     | Final           | Original      | 1/31/05  |          |          |           |          |        |               |           |           |              | Final | Original - |               |                |              |          |                    |          |              |          | Final  | Original   |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 |               | =        | $\dashv$ | 4        | _         | _        | -      | $\Box$        | $\dashv$  | $\dashv$  | ŀ            |       | 51         |               | ╀              | +            | _        | $\vdash$           | $\dashv$ | $\dashv$     | _        |  | 101        | Н  |          | -              | Н               | $\dashv$ | +        | +        | 4        |   |   |   |
|     |                 | $\frac{1}{2}$ | =        | $\dashv$ | $\neg$   | _         | $\neg$   | $\neg$ | $\vdash$      | $\dashv$  | $\dashv$  | ┢            |       | 52         | ╁             | +              | 1            | -        | H                  | $\dashv$ | $\dashv$     |          |  | 102        |  | -        | +              | $\vdash$        |          | _        | +        | 1        |   |   |   |
|     |                 | 3             | Ξ        |          |          |           |          |        |               |           |           |              |       | 53         |               | Τ              |              |          |                    |          |              |          |  | 103        |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 | 4             | √ =      | 4        | 4        | $\dashv$  | _        |        | -             | -         | _         | -            |       | 54<br>55   | +             | ╀              |              | _        | -                  |          | $\dashv$     | _        | <u> </u>   | 104<br>105 |  | -        | +              | $\vdash$        |          |          |          | 4        |   |   |   |
|     |                 | 5             | =        | $\dashv$ | $\dashv$ |           |          |        | $\vdash$      | 4         | -         | ┢            |       | 56         | +             | ╁              | +            | $\vdash$ | Н                  | -        | +            |          |  | 105        | $\vdash$   | +        | +              | $\vdash$        | -        | +        | +        | +        |   |   |   |
|     |                 | 7             | =        | 7        |          |           |          |        |               |           | _         | 上            |       | 57         | +             | 1              | ╁            | H        | П                  | $\dashv$ | 十            |          | <del>                                     </del> | 107        | H  | 1        | $\dagger$      | Н               |          | $\top$   | ╅        | ┪        |   |   |   |
|     |                 | 8             | =        |          |          |           |          |        |               | $\Box$    |           |              |       | 58         |               |                |              |          |                    |          | Ţ            |          |  | 108        |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 | <b>9</b> )    | =        |          | _        |           | _        |        |               | $\dashv$  | $\dashv$  | ┝            |       | 59<br>60   |               | +              |              | -        | $\vdash$           | -        | +            | _        |  | 109<br>110 | $\vdash$   |          | ╁              | $\vdash$        |          | -        |          | -        |   |   |   |
|     |                 | 11            | =        |          | -        | -         | -        | -      | $\vdash$      | $\dashv$  | $\dashv$  | $\vdash$     |       | 61         | +             | ╁              | +            | $\vdash$ | Н                  | $\dashv$ | $\dashv$     |          | <u> </u>   | 111        | H  | +        | +              | Н               |          | +        | +        | -        |   |   |   |
|     |                 | 12            | <b>√</b> |          |          |           |          |        |               |           |           |              |       | 62         |               |                |              |          |                    |          |              |          |  | .112       |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 | 13            | =        |          |          | _         |          |        |               |           |           |              |       | 63         | 4             | 1              | <u> </u>     | ,        |                    |          | _            |          |  | 113        |  |          | 1              |                 |          | $\perp$  |          |          |   |   |   |
|     |                 | 14<br>15      | =        | ᅱ        | $\dashv$ |           |          | _      |               | -         | 긕         | -            |       | 64<br>65   | -             | ╁              | +            | -        |                    | -        | -            |          |  | 114<br>115 | $\vdash$   | -        | ╁              | $\vdash \vdash$ |          | +        | +        | $\dashv$ |   |   |   |
|     |                 | 16            | =        | 7        | $\dashv$ | ᅥ         |          | _      | $\vdash$      | $\dashv$  | $\dashv$  | -            |       | 66         | +-            | ╁              | ╁            | -        |                    | $\dashv$ | $\dashv$     | -        |  | 116        | H  | +        | +              | H               |          | +        | ╁        | $\dashv$ |   |   |   |
|     |                 | 17            | =        |          |          |           |          |        |               |           |           |              |       | 67         |               |                |              |          |                    |          |              |          |  | 117        |  |          |                |                 |          |          |          | ]        |   |   |   |
|     |                 | 18            | Ш        | _        | $\dashv$ |           |          |        |               | _         | _         | <br> -       |       | 68         |               | ╀-             | -            | <u> </u> |                    |          | _            | _        |  | 118        | Ш  |          | _              | $\sqcup$        |          | 1        | _        | 4        |   |   |   |
|     |                 | 19<br>20      | Н        | $\dashv$ | -        |           |          |        | $\dashv$      | -         | -         | $\vdash$     |       | 69<br>70   | ╁             | ╀              |              | -        | $\vdash$           | $\dashv$ | $\dashv$     | _        | -  | 119<br>120 | $\vdash$   |          | ╁              | H               |          | $\dashv$ |          | $\dashv$ |   |   |   |
|     |                 | 21            | Н        | -        | $\neg$   |           |          |        | $\vdash$      | $\neg$    | $\neg$    | ┢            |       | 71         | +             | $\dagger$      | $\dagger$    |          |                    |          | 十            | $\dashv$ |  | 121        | $\vdash$   |          | +              | $\Box$          |          | $\dashv$ | +        | 1        |   |   |   |
| .   |                 | 22            |          |          |          |           |          |        |               |           |           |              |       | 72         |               | Γ              |              |          |                    |          |              |          |  | 122        |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 | 23            | Ш        | _        | 4        |           |          |        |               | 4         | _         | L            |       | 73         | - -           | ╀              | 4            | _        |                    |          | 4            | _        |  | 123        | $\square$  | _        | +              | Ш               | _        | _        | - -      | 4        |   |   |   |
|     |                 | 24<br>25      | Н        | $\dashv$ | $\dashv$ | $\dashv$  | -        | _      | $\vdash$      | $\dashv$  | $\dashv$  | $\vdash$     |       | 74<br>75   | ╬             | ╁              | +            | -        |                    | -        | $\dashv$     |          | _  | 124<br>125 | Н  |          | +              | $\vdash$        |          | +        | +        | $\dashv$ |   |   |   |
|     |                 | 26            |          | $\dashv$ | $\dashv$ |           |          |        |               | $\dashv$  | 寸         | H            |       | 76         | +             | $\dagger$      | +            |          |                    | $\dashv$ | 十            |          |  | 126        |  |          | ╁              | П               |          | $\top$   | +        | 1        |   |   |   |
|     |                 | 27            |          |          |          |           |          |        |               |           |           |              |       | 77         |               | L              |              |          |                    |          |              |          |  | 127        |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 | 28            | Ш        | -        | _        |           | _        | _      | -             | _         | 4         | -            | :     | 78         | +             | 1              | -            | _        | $\sqcup$           | -        | 4            |          |  | 128        | $\square$  |          | <del> </del> - | $\vdash$        |          |          |          | 4        |   |   |   |
|     |                 | 29<br>30      | $\vdash$ | -        | $\dashv$ |           |          | _      | $\dashv$      | $\dashv$  |           | ┝            |       | 79<br>80   | +             | ╁              | +            |          | $\vdash$           | $\dashv$ | $\dashv$     | -        |  | 129<br>130 | $\vdash$   | +        | ╁╌             | $\vdash$        |          |          | ╬        | $\dashv$ |   |   |   |
|     |                 | 31            | Н        | $\neg$   |          |           |          | _      |               |           | _         | 卜            |       | 81         | +             | ✝              | $\top$       |          | $\Box$             |          | $\dashv$     | 7        |  | 131        | П  | $\top$   | $\dagger$      |                 | $\neg$   | _        | 十        | ╛        |   |   |   |
|     |                 | 32            |          |          |          |           |          |        |               |           |           |              |       | 82         |               | L              |              |          |                    |          |              |          |  | 132        |  |          | Ţ              |                 |          |          | $\perp$  |          |   |   |   |
|     |                 | 33            | Ш        | $\dashv$ | _        |           |          |        | $\Box$        | _         | 4         | $\vdash$     |       | 83         | +             | ╀              | ┼-           |          | $\left  - \right $ | _        | -            |          |  | 133        |  |          | +              | $\vdash$        | $\dashv$ |          |          | 4        |   |   |   |
|     |                 | 34<br>35      | H        | $\dashv$ | -        | -         |          |        | $\vdash$      | -         | $\dashv$  | $\vdash$     |       | 84<br>85   | +             | ╁              | ╁            |          |                    | -        |              | -        |  | 134<br>135 |  |          | ╁╌             | Н               |          |          | +        | -        |   |   |   |
|     |                 | 36            | $\vdash$ | _        |          |           |          |        | Н             |           | 7         | H            |       | 86         | 1             | †-             | +-           |          | -                  |          | 7            | 7        |  | 136        |  | _        | †              | $\Box$          |          |          | 1        | $\dashv$ |   |   |   |
|     |                 | 37            |          |          |          |           |          |        |               |           |           |              |       | 87         |               |                |              |          |                    |          | $\Box$       |          |  | 137        |  |          |                |                 |          |          |          |          |   |   |   |
|     |                 | 38            | Ш        | $\dashv$ | 4        | _         |          |        |               | _         | _         | -            |       | 88         | +             | ┼-             | ╄            |          | $\vdash$           |          | 4            | 4        |  | 138        | $\vdash$   |          | ┼              |                 |          |          | -        | 4        |   | ~ |   |
|     |                 | 39<br>40      | $\vdash$ |          |          | -         | $\dashv$ |        | Н             | $\dashv$  | $\dashv$  | $\vdash$     |       | 89<br>90   | +             | +              | +            |          | $\vdash$           | $\dashv$ | +            | $\dashv$ | ļ  | 139<br>140 |  | +        | +              | $\vdash$        | $\vdash$ | +        | +        | $\dashv$ |   |   |   |
|     |                 | 41            |          |          |          |           |          |        |               | _         | $\exists$ |              |       | 91         | _ -           | $^{\dagger}$   | 1            |          |                    | _        | _            |          |  | 141        |  | $\top$   | 士              |                 |          |          | ╧        | _        |   |   | , |
|     |                 | 42            |          |          |          |           |          |        |               | $\Box$    | $\Box$    |              |       | 92         | $\perp$       | $\Box$         | $oxed{\Box}$ |          |                    | $\Box$   | $\Box$       |          |  | 142        |  | $\perp$  | $\perp$        |                 |          | $\Box$   | T        |          |   |   |   |
|     |                 | 43            | $\vdash$ |          | $\dashv$ | _         | Н        |        | Н             | $\dashv$  | 4         | -            |       | 93<br>94   |               | +              | +            | -        | $\vdash$           | $\dashv$ | +            |          | <u> </u>   | 143        | $\vdash$   | +        | +              | ⊢               | $\vdash$ | +        | +        | -        |   |   |   |
|     |                 | 44<br>45      | $\vdash$ |          | -        | -         |          |        | H             | -         | $\dashv$  | +            |       | 95         | - -           | +              | +-           | -        | $\vdash$           | $\dashv$ | +            | $\dashv$ | <u> </u>   | 144<br>145 | $\vdash$   | +        | +              | $\vdash$        | $\vdash$ | -        | +        | $\dashv$ |   |   |   |
|     |                 | 46            | Н        |          |          |           |          |        |               |           |           |              |       | 96         | ┰             | 丁              | $\pm$        |          |                    |          | _            |          |  | 146        |  |          |                |                 |          | _        | ╁        |          |   |   |   |
|     |                 | 47            |          |          |          |           |          |        |               |           |           |              |       | 97         | $\perp$       | I              | $\perp$      |          |                    |          | I            |          |  | 147        |  | $\Box$   | 1              |                 |          | $\Box$   | $\bot$   |          |   |   |   |
|     |                 | 48<br>49      | $\vdash$ |          |          | _         |          |        | $\vdash \mid$ |           | $\dashv$  | -            |       | 98<br>99   | +             | +              | +            | _        | Н                  | $\dashv$ | $\dashv$     | $\dashv$ |  | 148<br>149 | <del>                                     </del> |          | +-             |                 |          | $\dashv$ | -        | $\dashv$ |   |   |   |
|     |                 | 50            | $\vdash$ |          | $\dashv$ | -         |          | -      | $\vdash$      |           | $\dashv$  | -            |       | 100        | +             | +              | +            | $\vdash$ | Н                  |          | $\dashv$     | $\dashv$ |  | 150        | $\vdash \vdash$                                  | +        | +              | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$ |   |   |   |
| l l |                 |               | _        |          | _        | _         |          |        |               |           |           | Ļ.,          |       |            |               |                |              |          |                    |          |              |          |  |            | اـــــــــــــــــــــــــــــــــــــ           |          |                |                 |          |          | 1        |          |   |   |   |